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(rapidly adj3 disintegrat$) same bulk$	24

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US-PAT-NO: 5840769
DOCUMENT-IDENTIFIER: US 5840769 A
** See image for Certificate of Correction **

TITLE: Direct tabletting aids

DATE-ISSUED: November 24, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kolter; Karl	Limburgerhof			DE
Lang; Siegfried	Ludwigshafen			DE
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US-CL-CURRENT: 514/781; 514/772.5

CLAIMS:

We claim:

1. A direct tabletting aid comprising

A) 75-98% by weight of a powdered cellulose suitable for tabletting

B) 1-15% by weight of soluble polyvinylpyrrolidone

C) 0.5-10% by weight of crosslinked insoluble polyvinylpyrrolidone.

2. A direct tabletting aid as defined in claim 1, wherein the powdered cellulose is microcrystalline cellulose.

3. A direct tabletting aid as defined in claim 2, wherein the microcrystalline cellulose is of a type in which 90% of the particles are in the range from 1 .mu.m to 125 .mu.m, and the average particle size is from 10 .mu.m to 70 .mu.m.

4. A direct tabletting aid as defined in claim 1, wherein the soluble polyvinylpyrrolidone has a K value of from 20 to 120.

5. A direct tabletting aid as defined in claim 1, wherein the soluble polyvinylpyrrolidone has a K value of from 25 to 95.

6. A direct tabletting aid as defined in any of claim 1, which is produced by wet granulation.

7. A direct tabletting aid as defined in claim 1, and in particulate form which is produced by fluidized bed granulation.

8. A direct tabletting aid as defined in claim 1, wherein 90% of the particles are in the range 25-700 .mu.m.

9. A tablet which comprises a direct tabletting aid as defined in claim 1.

10. A process for producing tablets, which comprises compressing an active ingredient with the direct tabletting aid as defined in claim 1.

11. A direct tabletting aid as defined in claim 4, wherein the soluble polyvinylpyrrolidone has a K value of from 25 to 95.

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